

FIG.1

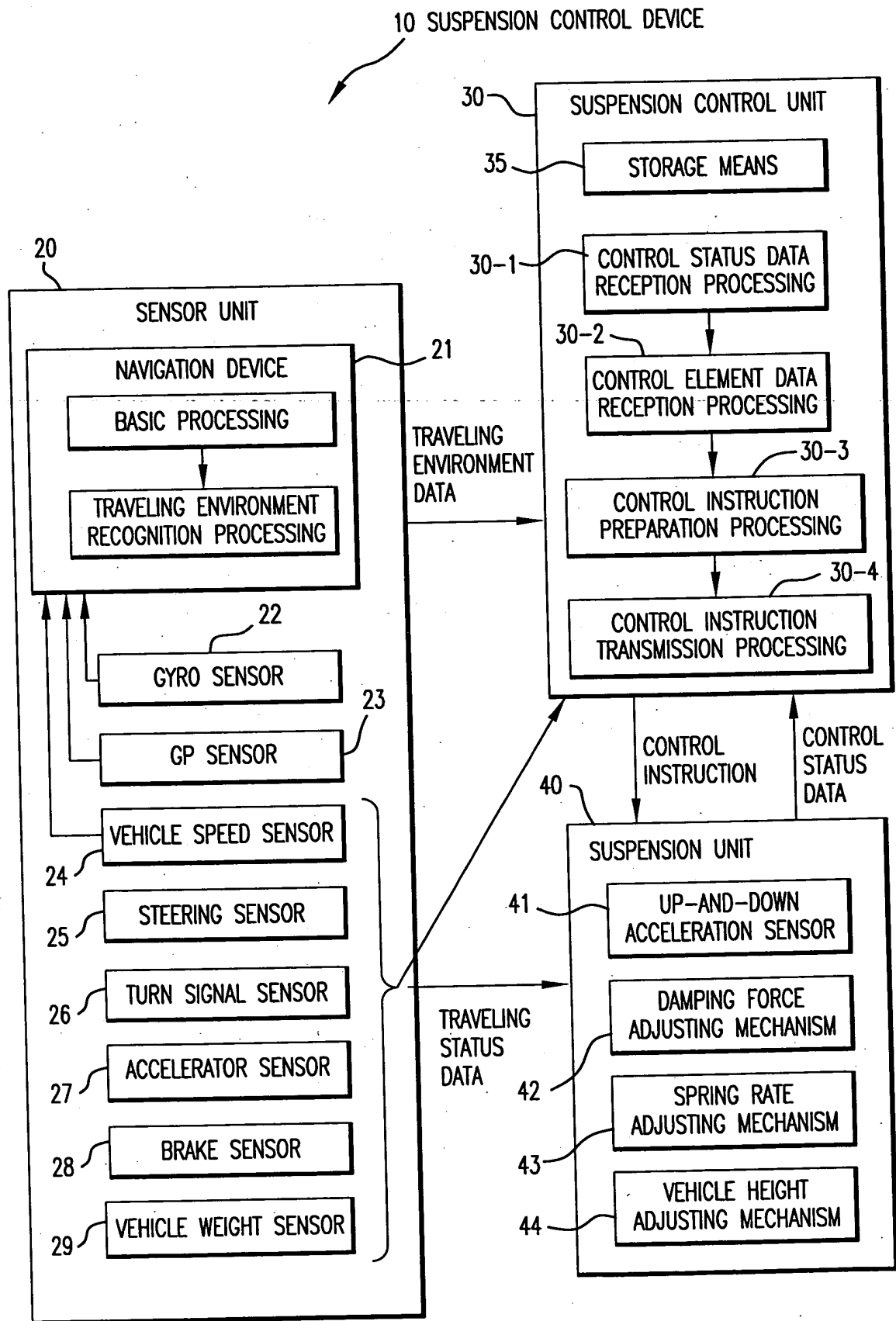


FIG.2

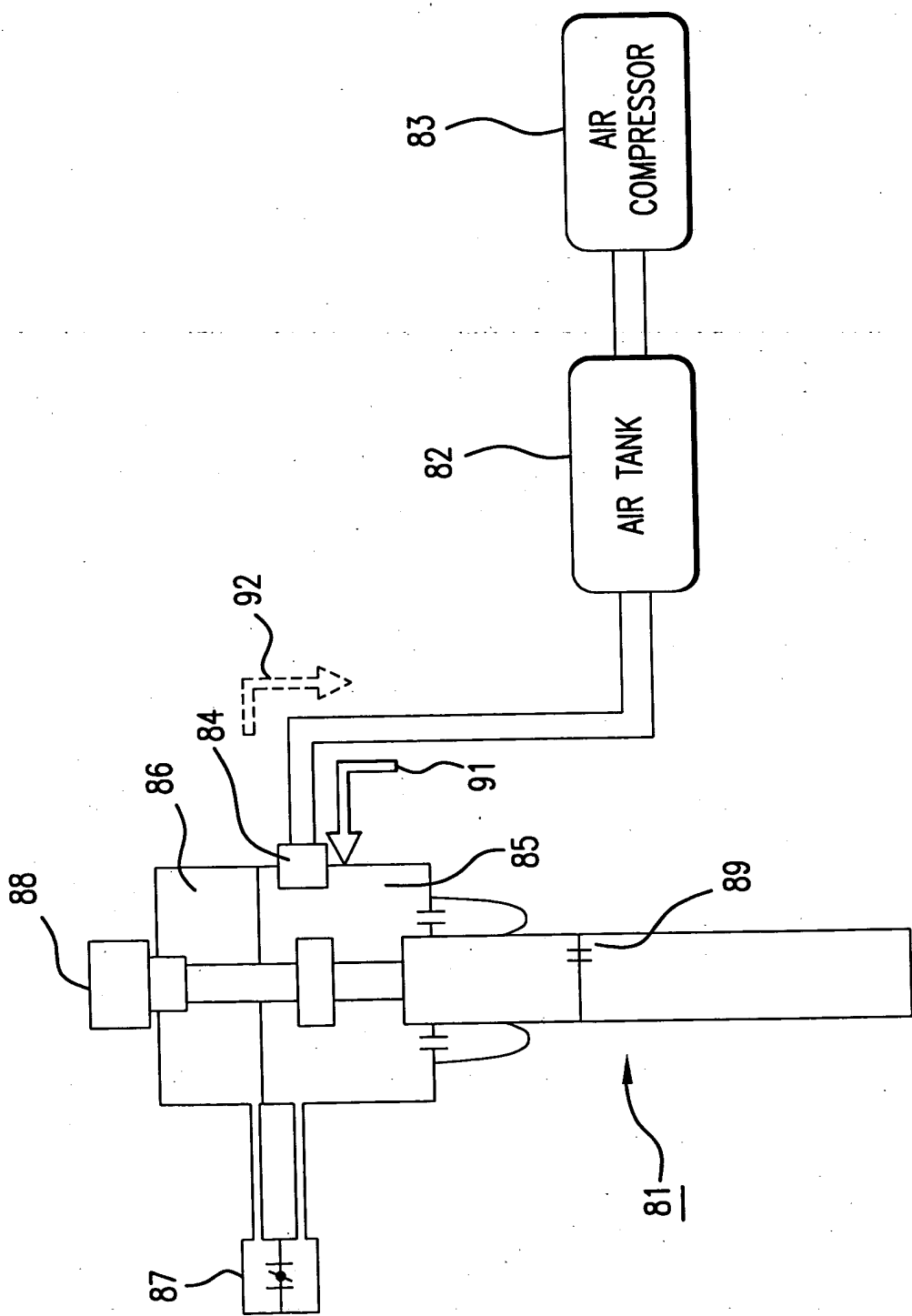


FIG.3

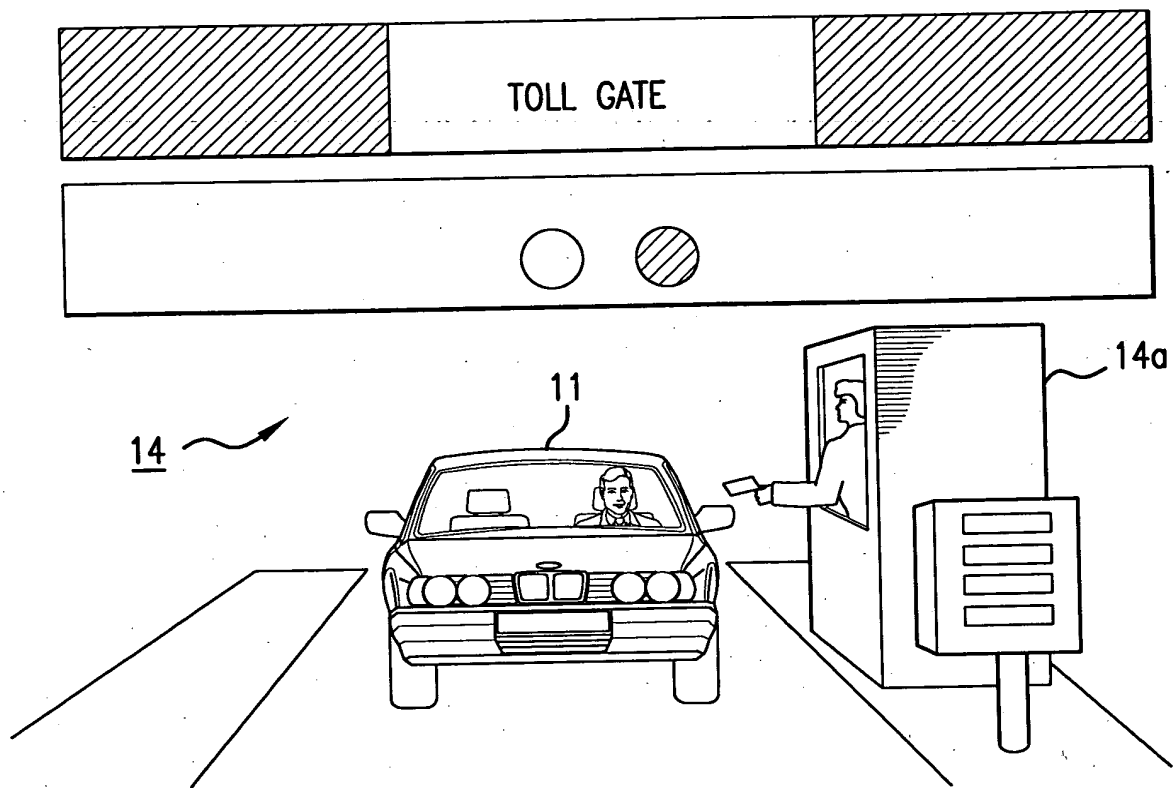


FIG.4

NO.	OUTLINE	OBJECT OF CONTROL	JUDGING METHOD	CONTENT OF CONTROL
1	SUPPRESS SHOCK WHEN DRIVING INTO A PARTICULAR POINT	.DAMPING FORCE .SPRING RATE .VEHICLE HEIGHT	PRESENT POSITION IS NEAR PARTICULAR POINT (CONVENIENCE SHOP, SUPERMARKET) BY THE SIDE OF ROAD, VEHICLE SPEED IS SLOWER THAN PREDETERMINED VALUE, TURN SIGNAL IS FLASHING IN A DIRECTION TO PARTICULAR POINT	INCREASE VEHICLE HEIGHT TO PREVENT CONTACT OF LOWER PART OF VEHICLE, TO IMPROVE VISIBILITY OF SURROUNDINGS. ADJUST SUSPENSION TO ABSORB SHOCK AT STEPS
2	SUPPRESS SHOCK FROM PAVEMENT FOR PREVENTING RECKLESS DRIVING	.DAMPING FORCE .SPRING RATE .VEHICLE HEIGHT	PRESENT POSITION IS NEAR PARTICULAR POINT (PAVED FOR PREVENTING RECKLESS DRIVING), VEHICLE SPEED IS SLOWER THAN PREDETERMINED VALUE, TURN SIGNAL IS FLASHING IN A DIRECTION TO PARTICULAR POINT, OR PRESENT POSITION IS WITHIN THE FACILITY 19 SPEED LIMIT IS GREATLY EXCEEDED	INCREASE VEHICLE HEIGHT TO PREVENT CONTACT OF LOWER PART OF VEHICLE, TO IMPROVE VISIBILITY OF SURROUNDINGS. ADJUST SUSPENSION TO ABSORB SHOCK AT STEPS

HIGH

FIG.5A

CONT. ON FIG.5B

CONT. FROM FIG.5A

3	AUX. CONTROL FOR SUPPRESSING SPEEDING	VEHICLE HEIGHT	SPEED LIMIT IS GREATLY EXCEEDED	DECREASE VEHICLE HEIGHT SO AS TO FEEL AS IF SPEED HAS INCREASED
4	AUX. CONTROL AT TOLL GATE OF TOLL ROAD	VEHICLE HEIGHT	TOLL GATE OF TOLL ROAD IS DETECTED AHEAD	SUITABLY ADJUST THE HEIGHT DEPENDING UPON MODELS SO THAT TICKET OR FEES CAN BE EASILY HANDED OVER
5	IMPROVE VISIBILITY ON NARROW ROAD	VEHICLE HEIGHT	PRESENT POSITION IS NEAR NARROW ROAD, VEHICLE SPEED IS SLOWER THAN PREDETERMINED VALUE, TURN SIGNAL IS FLASHING IN A DIRECTION TO FACILITY, OR PRESENT POSITION IS ON THE NARROW ROAD	INCREASE VEHICLE HEIGHT FOR CONFIRMING SAFETY OF THE SURROUNDINGS
6	IMPROVE VISIBILITY AT INTERSECTION	VEHICLE HEIGHT	PRESENT POSITION IS IN FRONT OF INTERSECTION, VEHICLE SPEED IS SLOWER THAN PREDETERMINED VALUE, TURN SIGNAL IS FLASHING	INCREASE VEHICLE HEIGHT SINCE VIEW IN THE TRAVELING DIRECTION IS OFTEN INTERRUPTED BY OBSTACLES (PRECEDING CAR, PLANTS)

ORDER OF PRIORITY OF CONTROL

FIG.5B

CONT. ON FIG.5C

CONT. FROM FIG.5B

7	IMPROVE VISIBILITY AT PARKING LOT	VEHICLE HEIGHT	PRESENT POSITION IS NEAR PARKING LOT, VEHICLE SPEED IS SLOWER THAN PREDETERMINED VALUE, TURN SIGNAL IS FLASHING IN A DIRECTION TO FACILITY, OR PRESENT POSITION IS ON THE PARKING LOT	INCREASE VEHICLE HEIGHT FOR CONFIRMING SAFETY OF THE SURROUNDINGS AND FOR PREVENTING CONTACT OF LOWER PART OF VEHICLE
8	IMPROVE VISIBILITY IN THE VICINITY OF THE SCHOOL	VEHICLE HEIGHT	NEAR SCHOOL (PRIMARY, JUNIOR HIGH, KINDERGARTEN, ETC.), WEEKDAY, TIME ZONE OF ATTENDING OR LEAVING SCHOOL	INCREASE VEHICLE HEIGHT FOR CONFIRMING SAFETY OF THE SURROUNDINGS

LOW

FIG.5C

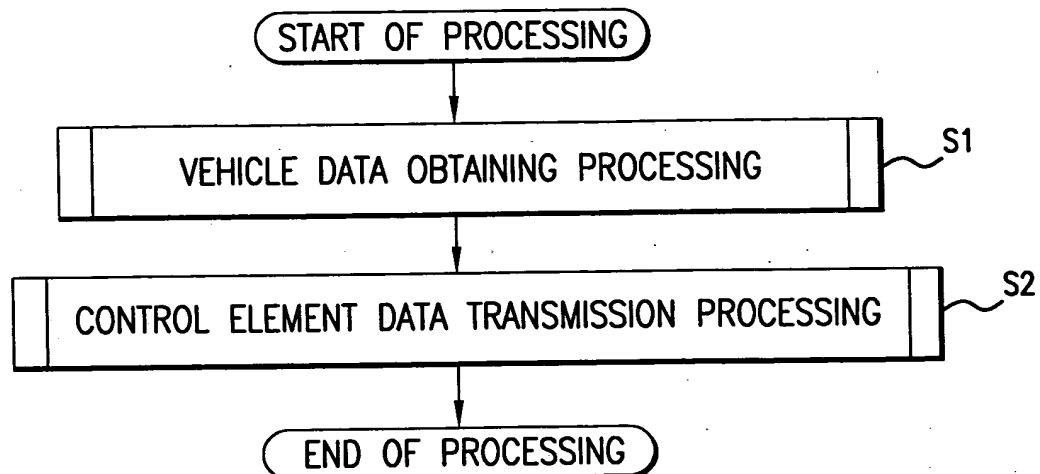


FIG. 6

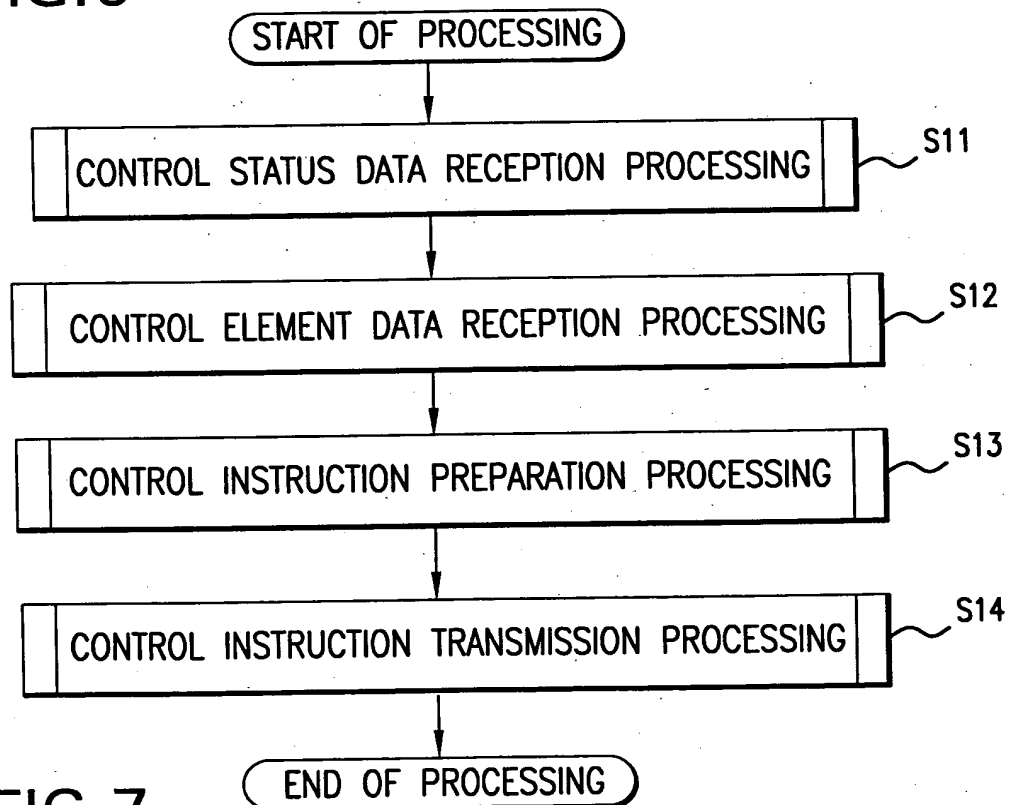


FIG. 7

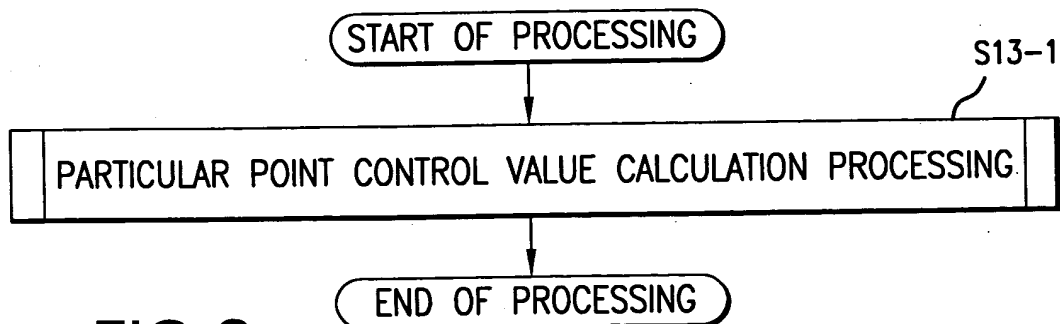
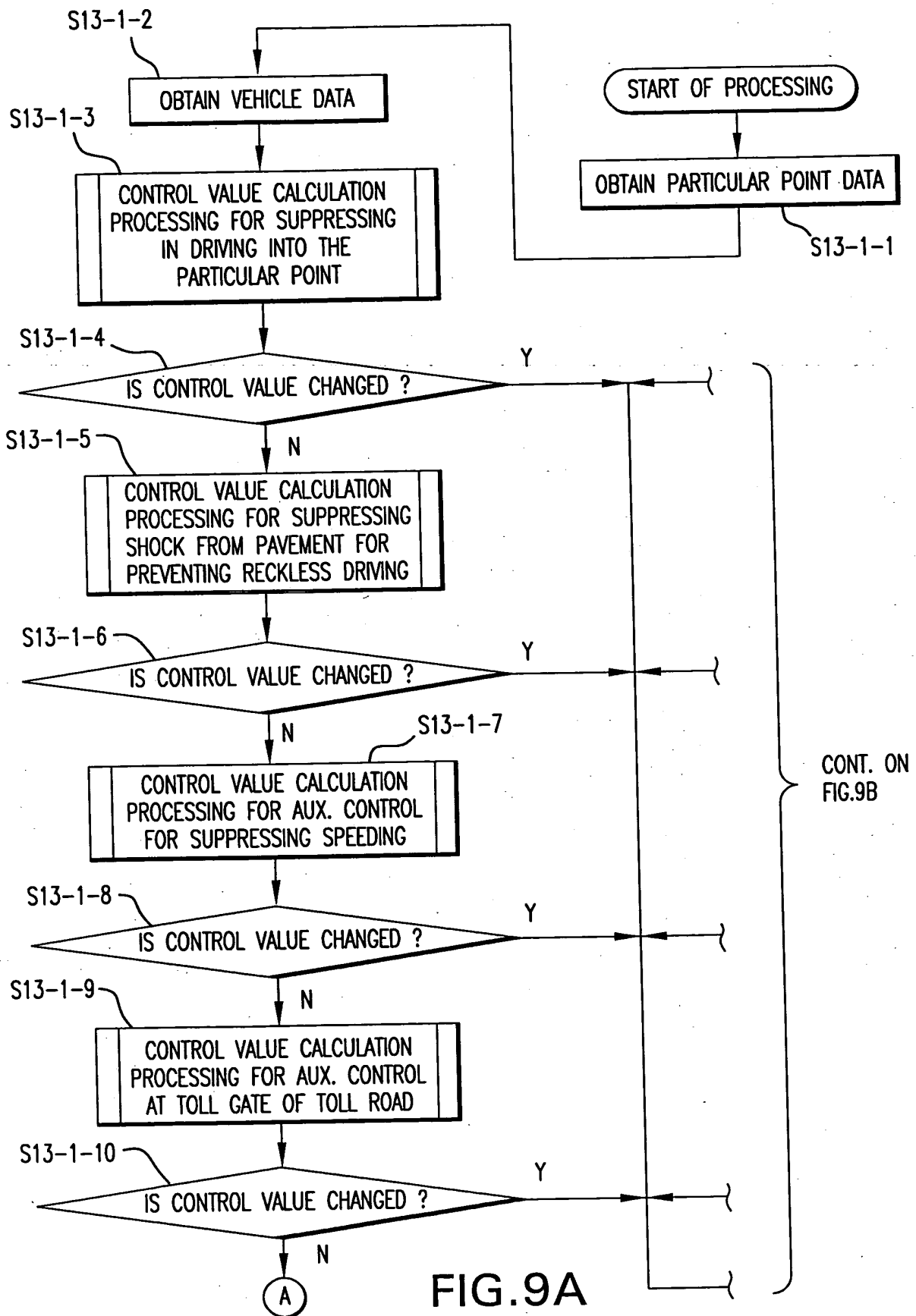


FIG. 8



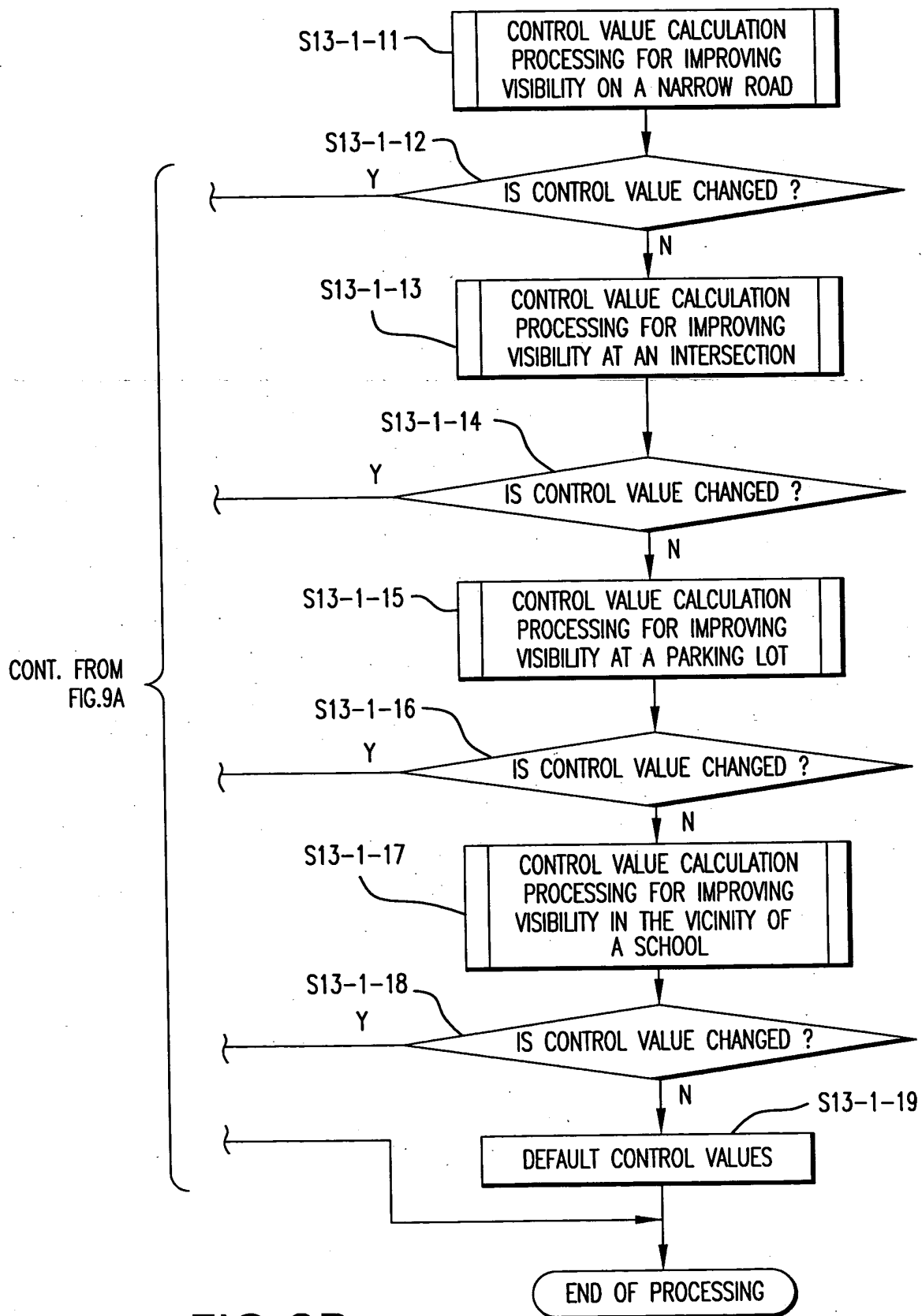


FIG.9B

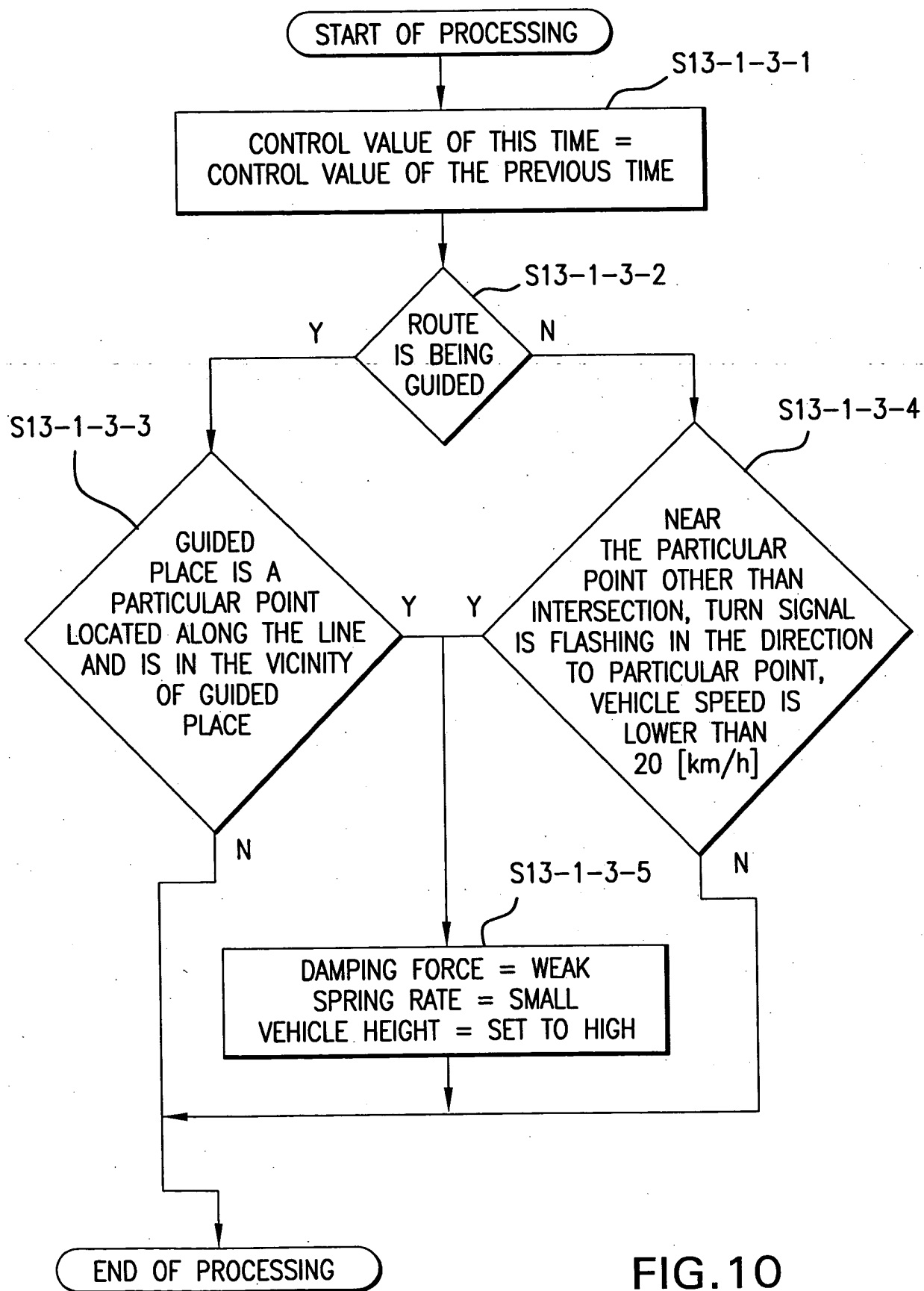


FIG.10

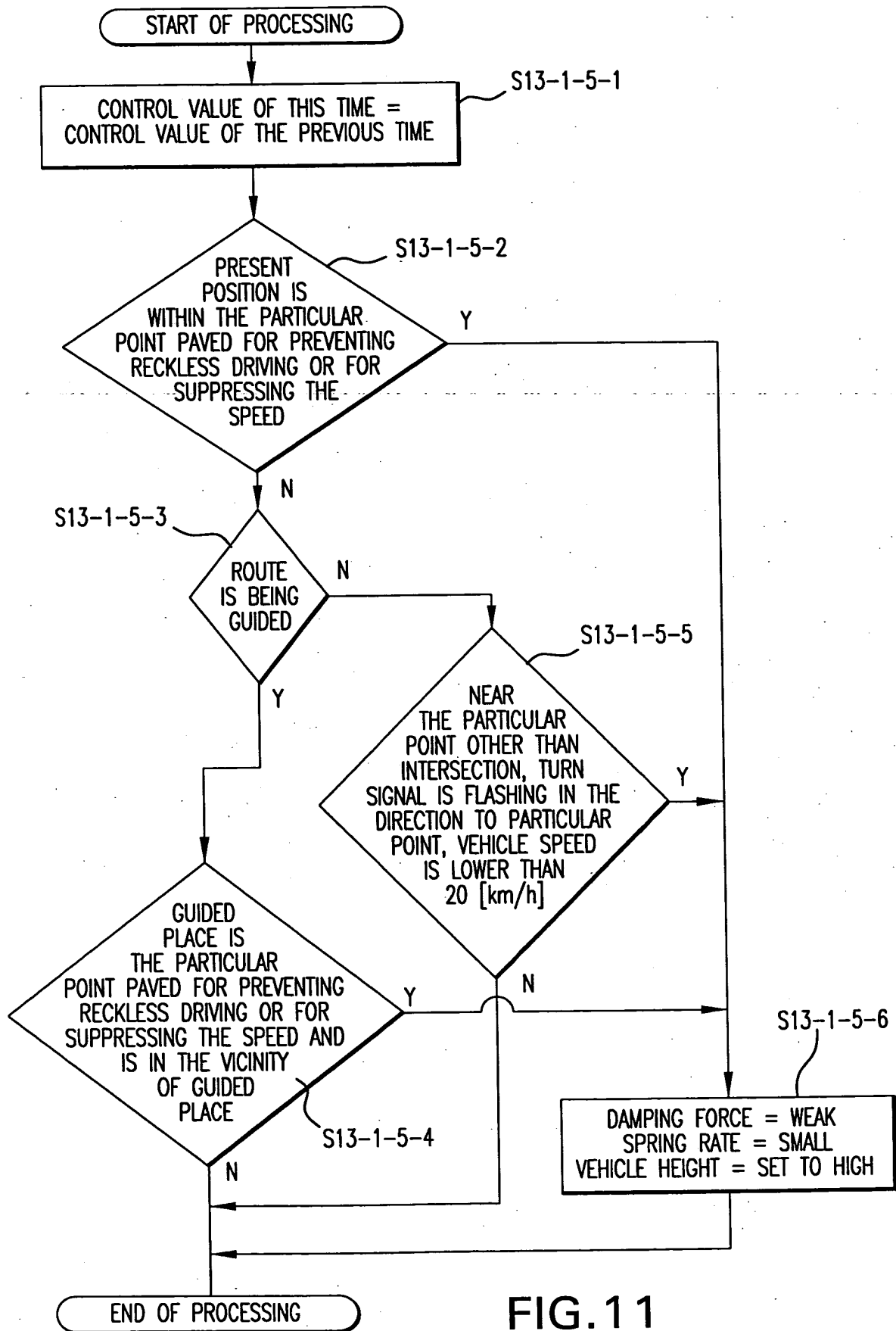


FIG.11

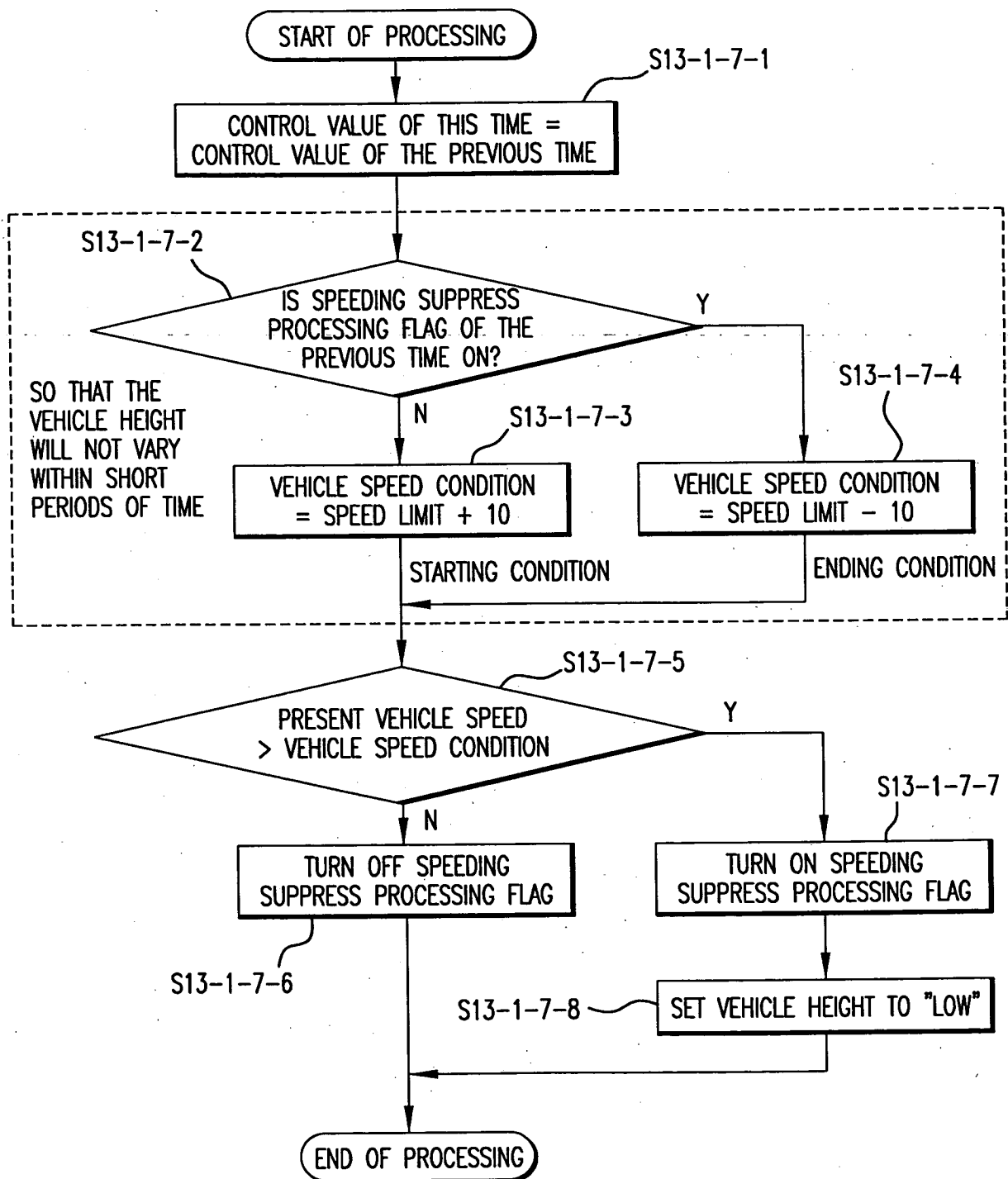


FIG.12

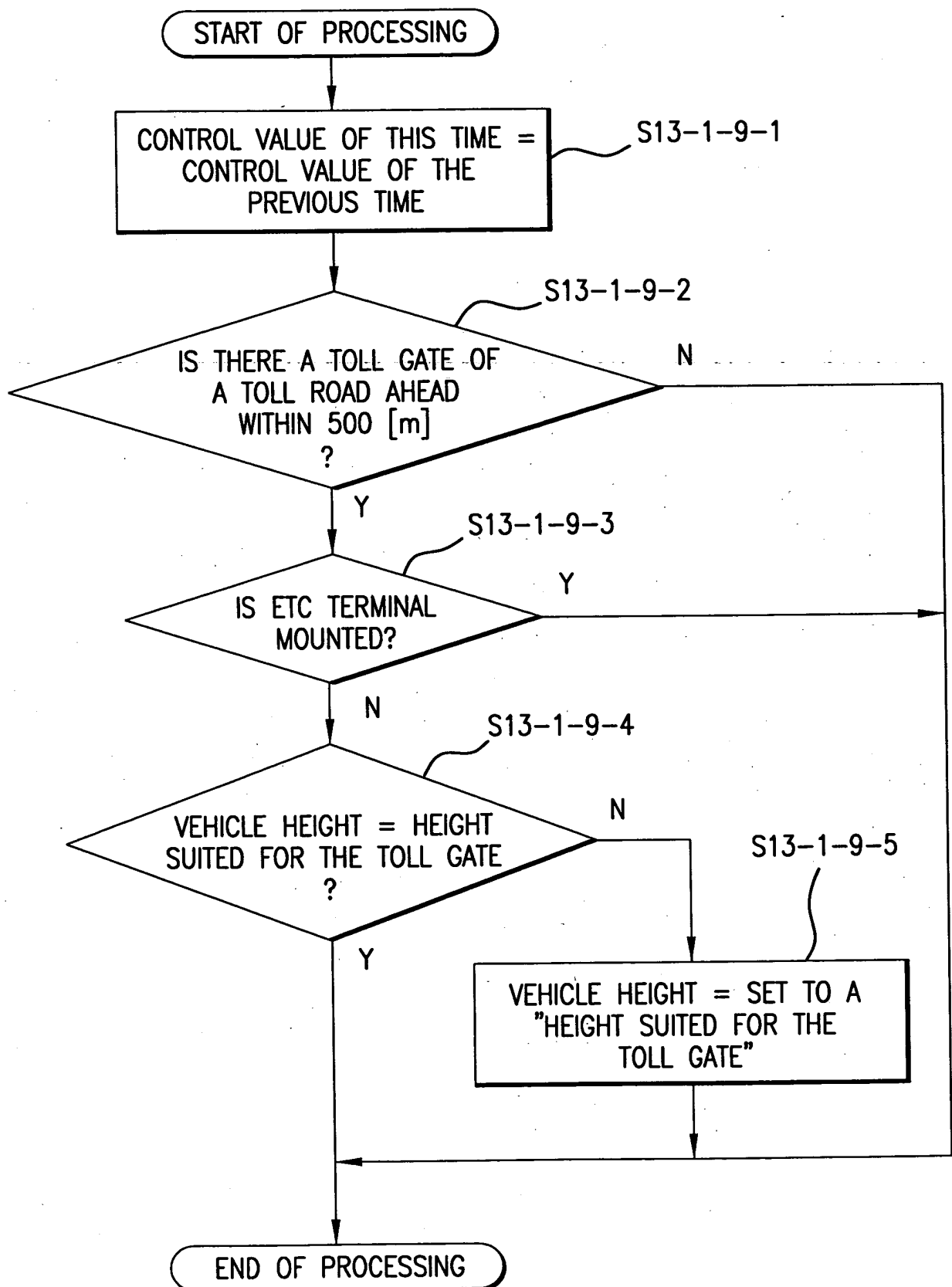


FIG.13

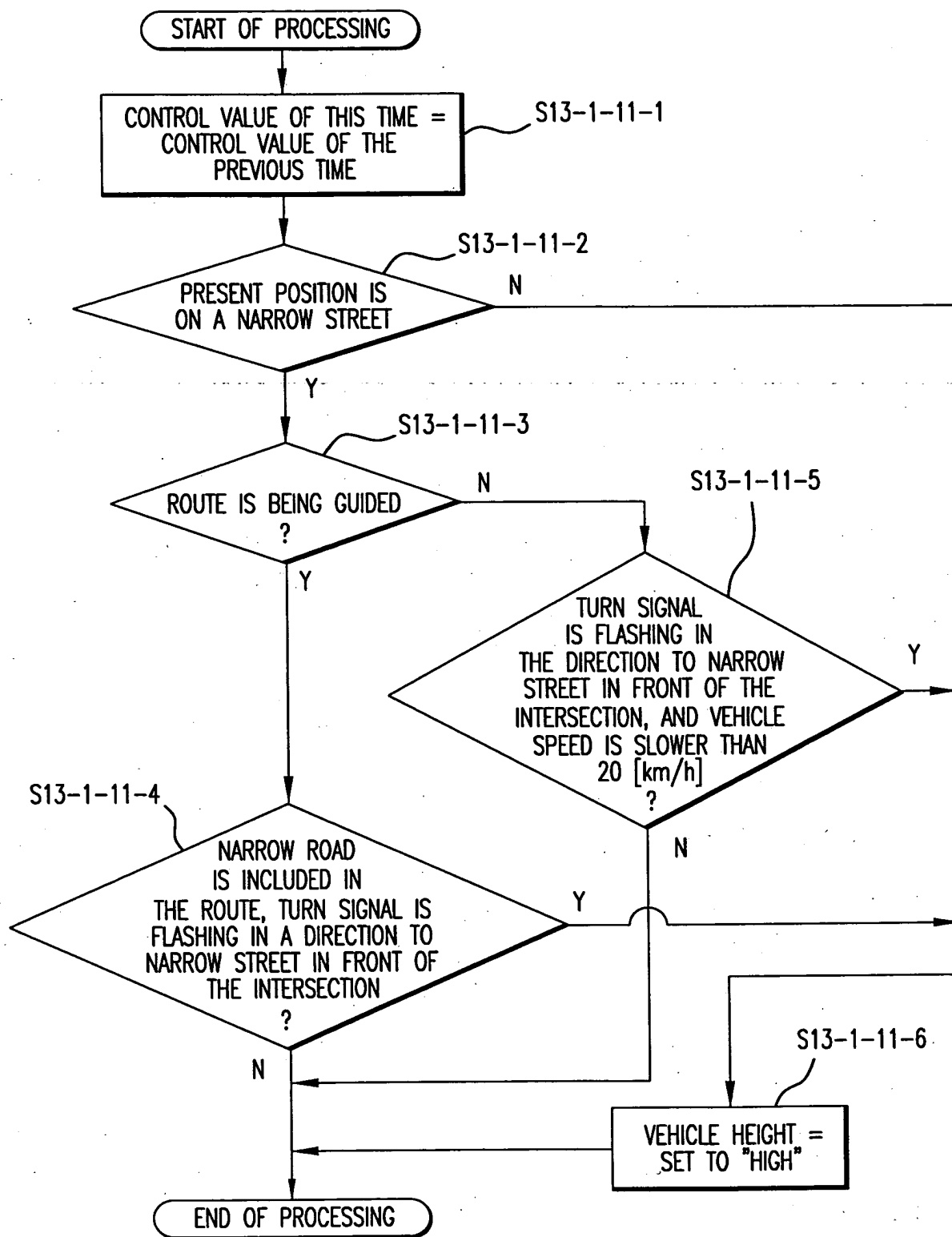


FIG.14

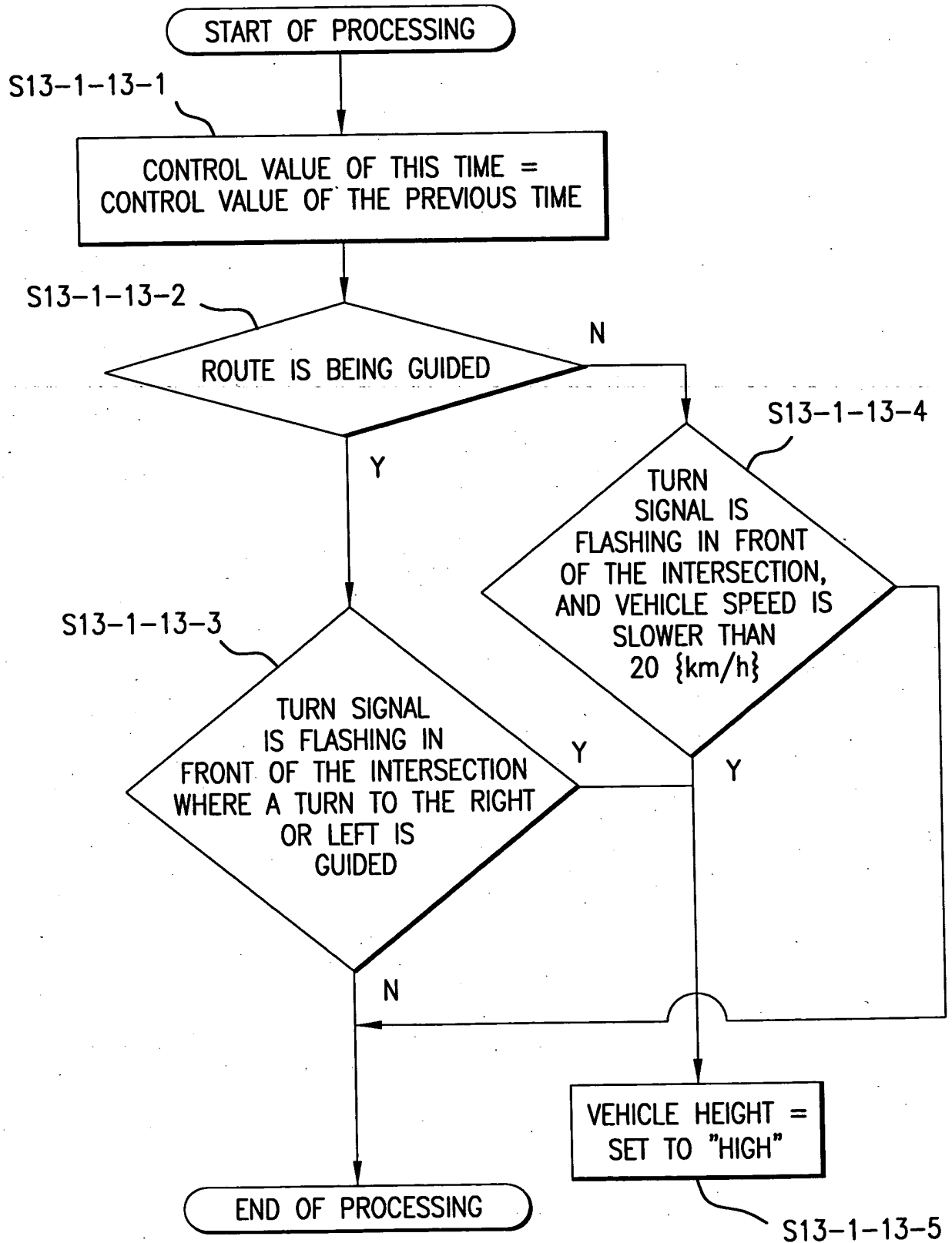


FIG.15

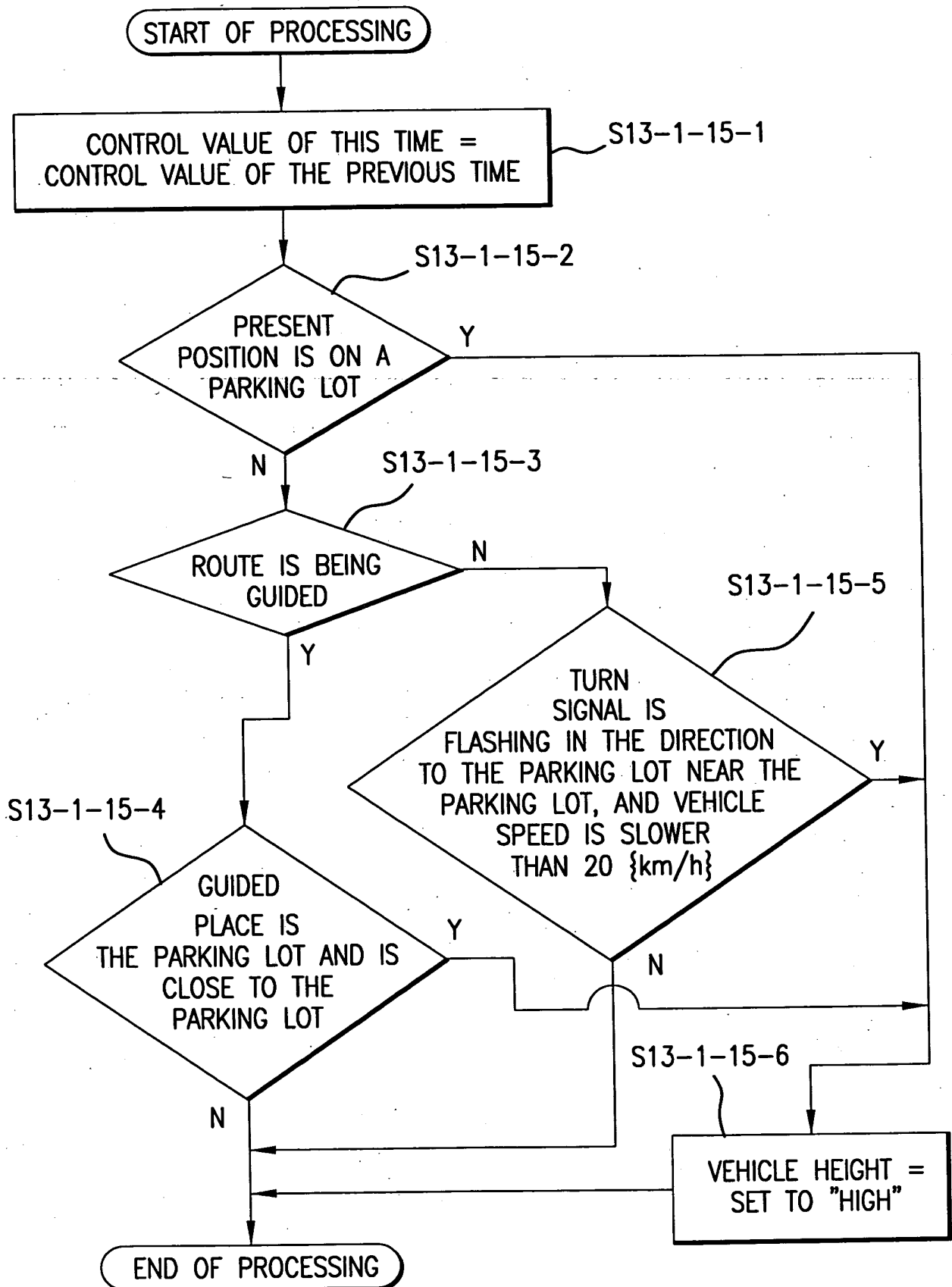


FIG.16

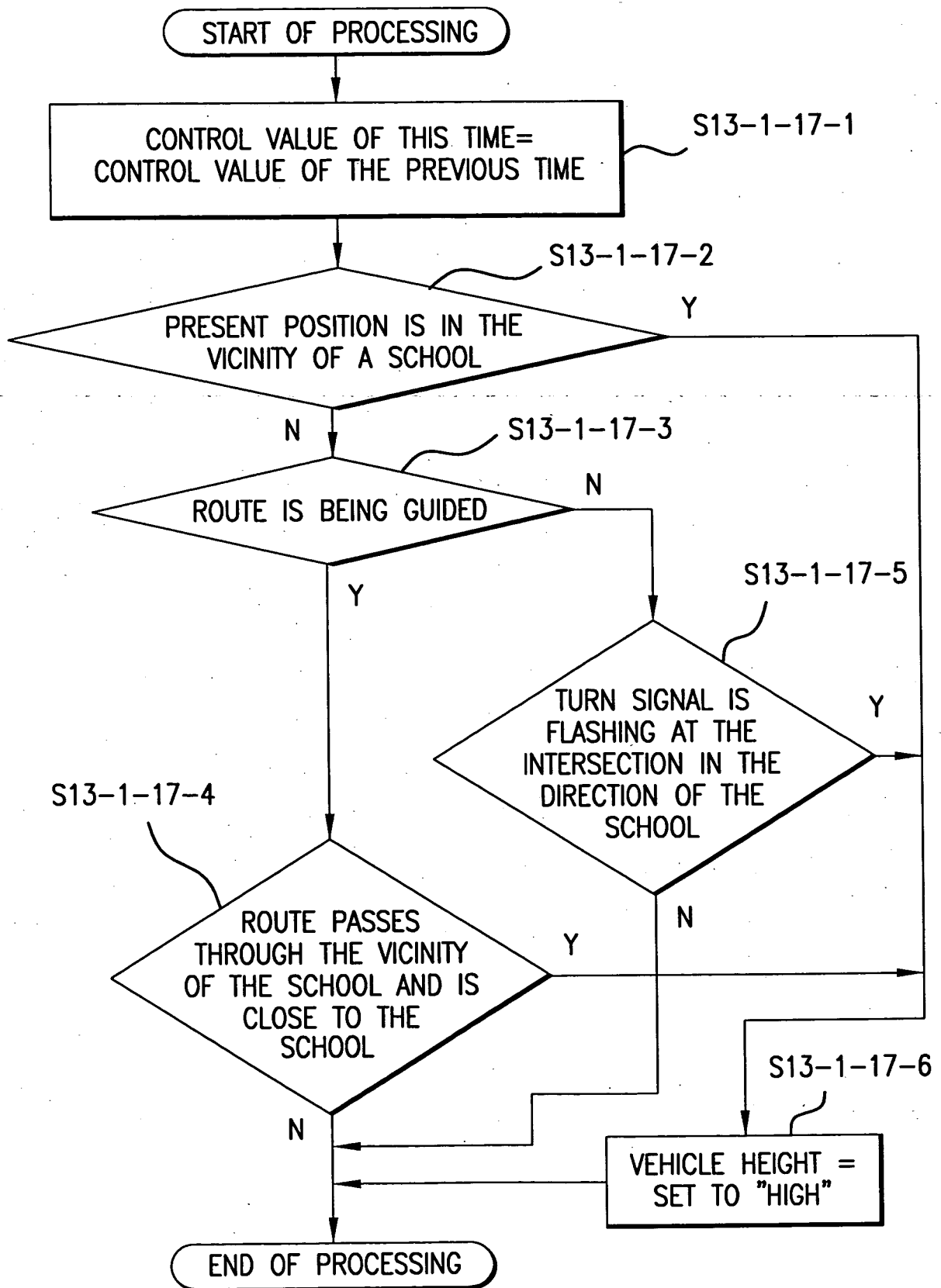


FIG.17

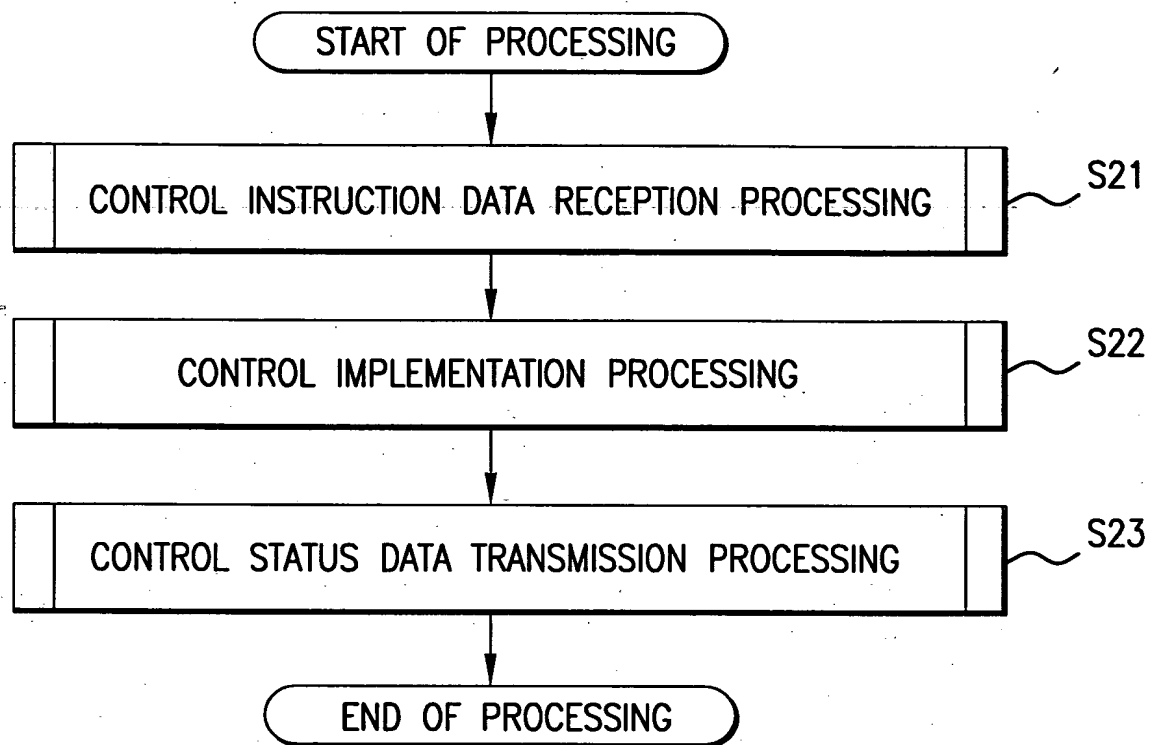


FIG.18